

02/27/02  
JC979 U.S. PTO

3 - 1 - 2

FORM PTO-1082

EXPRESS MAIL LABEL NO.: EL887875090US

PATENT

Attorney Docket No.: 091-0109

Date: February 27, 2002

Inventor(s): Susan E. Bach et al.  
For: POLARIZATION DIVISION DUPLEXING WITH CROSS POLARIZATION INTERFERENCE CANCELLER

BOX PATENT APPLICATION  
ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

27431

(Insert Customer Number)

Sir:

Transmitted herewith for filing is the patent application of:

1002 U.S. PTO  
10/086127  
02/27/02

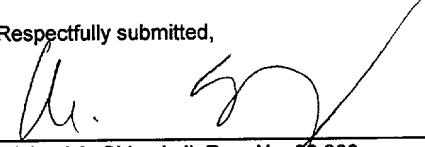
Enclosed are:

17 Pages of Specification      9 Page(s) of Claims      1 Page Abstract  
4 Sheet(s) of drawing ( formal  informal)  
 Combined Declaration for Patent Application and Power of Attorney.  executed  unexecuted  
 Form PTO-1595 and an assignment of the invention to The Boeing Company, P.O. Box 3707, MC 13-08, Seattle, Washington 89124-2207  Will follow.  
 A certified copy of \_\_\_\_\_ from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119.  Will follow.  
 An associate Power of Attorney  
 A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.  
 Information Disclosure Statement, Form PTO 1449 and 5 prior art reference(s).  
 Preliminary Amendment.  
 General Authorization/Request to Petition for extension of time.  
 Return Receipt Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$370.00	OR		\$ 740.00
TOTAL CLAIMS	27-20=	-7-	X 9	\$	OR	X 18	\$ 126.00
INDEP CLAIMS	4-3=	-1-	X 42	\$	OR	X 84	\$ 84.00
MULTIPLE			X 140	\$	OR	+ 280	\$
DEP CLAIMS				TOTAL =		TOTAL:	
PRESENTED							\$ 950.00

Please charge my Deposit Account No. 50-0851 the amount of \$ \_\_\_\_\_ to cover the filing fees. A duplicate copy of this sheet is enclosed.  
 A check in the amount of \$950.00 to cover the filing fee is enclosed.  
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 The issue fee set in 37CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.31(b).  
 Any filing fees under 37 CFR 1.16 for presentation or extra claims.

Respectfully submitted,

  
Michael A. Shimokaji, Reg. No. 62,303

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Susan E. Bach et al.

For: POLARIZATION DIVISION DUPLEXING WITH CROSS POLARIZATION INTERFERENCE  
CANCELLER

**CERTIFICATE OF EXPRESS MAILING**

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

"EXPRESS MAIL" Mailing Label No.: EL887875090US

Date of Deposit: February 27, 2002

I hereby certify that an application for patent, including:

17 pages of Specification, 9 pages of claims, a one-page Abstract; 4 Sheet(s) of formal Drawings; Combined Declaration for Patent Application and Power of Attorney; General Authorization/Request to Petition for Extensions of Time; a check in the amount of \$950.00 to cover the filing fee; an executed Assignment document and Form PTO 1595; along with a check in the amount of \$40.00 to cover the assignment recordal fee; an Information Disclosure Statement and Form 1449 with five (5) prior art references; a Transmittal Letter (Form PTO 1082); and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: 2/27/02

Michael A. Shimokaji, Reg. No. 32,303